



## 4K Camera for Health cart



The 4K Camera For Health Cart is ideal medical professionals. Featuring a 1/2.8-inch UHD CMOS sensor, they deliver 4K resolution at 60 fps. It offers 12x optical zoom with a 72.8° horizontal field of view. This includes built-in microphones for 360° audio pickup, support HDMI and 3G-SDI outputs, and offer laser-assisted autofocus. With Power over Ethernet (PoE) support and a web interface for remote configuration, these cameras are versatile solutions for various professional applications.

### Key Features

- 4K Resolution at 60 fps:** Both cameras provide high-definition 4K video output, ensuring sharp and clear visuals for professional applications.
- Optical Zoom Capabilities:** This camera features 12x optical zoom allowing for versatile framing and detailed shots.
- Built-in Microphone Array:** Equipped with a 360° omnidirectional microphone, these cameras capture clear audio with noise suppression, enhancing overall production quality.
- Multiple Video Outputs:** Support for HDMI and 3G-SDI outputs ensures compatibility with various video equipment and broadcasting setups.
- Web-Based Configuration:** A full function web interface allows for easy remote control and configuration, simplifying installation and operation in diverse environments.

# General Specifications

**Optical Zoom :** 12x

**Horizontal FOV :** 72.8° ~ 6.8°

**Vertical FOV :** 44.1° ~ 3.8°

## Camera Specifications

### Signal System

- **HDMI:** 4KP60, 1080P60, etc.
- **Sensor :** 1/2.8 inches, CMOS, Effective Pixels: 8.4 Megapixel

**Focus Mode :** Auto, One Push, Manual

**Minimum Illumination :** 0.5Lux

**Shutter :** 1/30s ~ 1/10000s

**White Balance :** Auto, Indoor, Outdoor, One Push, Manual, VAR

**Backlight Compensation :** Support

**HDR :** Support

**Digital Noise Reduction :** 2D/3D Digital Noise Reduction

## Network Specifications

**Video Compression :** H.264 / H.265 / MJPEG

**Video Stream :** First Stream, Second Stream

### First Stream Resolution :

3840x2160, 1920x1080, 1280x720 etc.

**Second Stream Resolution :** 1920x1080, 1280x720, 1024x576 etc.

**Video Bit Rate :** 32kbps~102400kbps

**Bit Rate Control :** VBR, CBR

**Frame Rate** 50Hz 1fps~50fps, 60Hz:1fps~60fps

**Audio Compression :** AAC、G711A

**Sampling Rate :** 48KHz

**Audio Bit Rate :** 48Kbps, 64Kbps, 96Kbps, 128Kbps

**Protocols :** NDI®, TCP/IP, HTTP, RTSP, RTMP(s), Onvif, etc.

**SNR :** ≥ 55dB

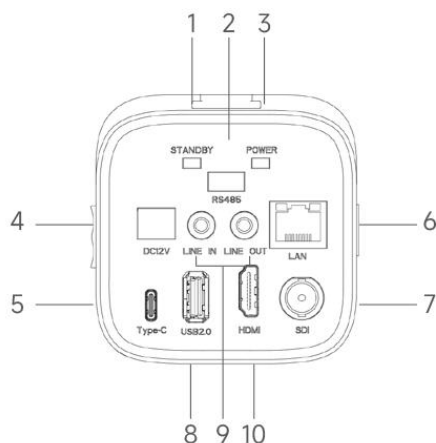
**Anti-flicker :** Support

**Image Flip :** Support

**Image Freeze :** Support

**POE :** Support

**Preset Position :** 255



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|------------|-----------------------|
| 1. STANDBY | 6. LAN                |
| 2. RS485   | 7. 3G-SDI             |
| 3. POWER   | 8. USB2.0             |
| 4. DC 12V  | 9. LINE IN / LINE OUT |
| 5. Type-C  | 10. HDMI              |

## General Specifications

### Device Operation

**Body Buttons :** Zoom operation, focus operation, brightness adjustment, menu control, image freezing, mode switching

**Webpage :** Full-Function Webpage

**HD Output :** 1 x HDMI: Version 2.0, 1 x

3G-SDI: BNC, 800mVp-p

**Network Interface :** 1 x RJ45: 10M/100M/1000M adaptive Ethernet, Support PoE (802.3af)

**Audio Input :** 1 x Line In (3.5mm Jack), 2 x Microphone input

**Audio Output :** 1 x Line Out (3.5mm Jack)

**USB Interface :** 1 x USB3.0, Type-C

**Control Interface :** 1 x RS485: 2-pin phoenix port, Max Distance: 1200m, Protocol: VISCA/Pelco-D/Pelco-P

**Power Interface :** DC005-2.0mm (12V)

**Operating System Supported :** Windows 7, 8 and above, Mac OS X, Linux 2.4.6+, Android (UVC-related drivers required)

### Device Operation

**Input Voltage :** DC 12V/PoE (802.3af)

**Input Current :** 1A (Max.)

**Operating Temperature :** 10° C ~ 40°

**Storage Temperature :** C-40° C ~ 60° C

**Dimensions :** 145mm (W) x 76mm (D) x 78.5mm (H)

## Ordering Information

4K Camera For Health Cart :

### SALES AND INQUIRIES

#### Global Headquarters

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